



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/614607
Filing Date	July 7, 2003
First Named Inventor	Moilanen, Steven M.
Group Art Unit	3682
Examiner Name	Unknown
Attorney Docket Number	614359/82664

A U.S. PATENT DOCUMENTS					
*Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DJK	A.1	294,736	03-04-1884	Hyle	
	A.2	906,507	12-15-1908	Canedy	
	A.3	2,222,941	11-26-1940	Freeman	
	A.4	2,326,962	08-17-1943	Meier	
	A.5	2,492,558	12-27-1949	Deubler, Jr.	
	A.6	2,796,787	06-25-1957	Aske	
	A.7	3,350,132	08-04-1965	Ashton	
	A.8	3,635,514	01-18-1972	Blatt	
	A.9	4,109,953	08-29-1978	Seymour	
	A.10	4,363,475	12-14-1982	McCarty	
	A.11	4,462,581	07-31-1984	Mitani	
	A.12	4,475,607	10-09-1984	Haney	
	A.13	4,475,607	10-09-1984	Haney	
	A.14	4,519,279	05-28-1985	Ruggeri	
	A.15	4,529,182	07-16-1985	Valentine	
	A.16	4,596,415	06-24-1986	Blatt	
	A.17	4,650,237	03-17-1987	Lessway	
	A.18	4,886,635	12-12-1989	Forster, et al.	
	A.19	5,085,480	02-04-1992	Jackson	
	A.20	5,261,715	11-16-1993	Blatt, et al.	
	A.21	5,271,651	12-21-1993	Blatt, et al.	
	A.22	5,284,375	02-08-1994	Land, III	
DJK	A.23	5,299,847	04-05-1994	Blatt, et al.	
	A.24	5,503,378	04-02-1996	Schauss, et al.	

EXAMINER	D. Kramer	DATE CONSIDERED	3-25-04
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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 3

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First Named Inventor	Moilanen, Steven M.
Group Art Unit	3682
Examiner Name	Unknown
Attorney Docket Number	614359/82664

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
D/K	A.25	5,516,173	05-14-1996	Sawdon	
D/K	A.26	5,647,625	07-15-1997	Sawdon	
D/K	A.27	5,938,259	08-17-1999	Sawdon, et al.	
	A.28				
	A.29				
	A.30				
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	A.44				
	A.45				
	A.46				
	A.47				

EXAMINER

D. Kramer

DATE CONSIDERED

3-25-04

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Attorney Docket Number	614359/82664

B FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ³ (if known)				
JF	B.1	DE-853,091	08/21/1952	Hoerder Huettenuion AG		
	B.2					
	B.3					
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	B.20					
	B.21					

EXAMINER	D. Krause	DATE CONSIDERED	3-25-04
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